



**US Army Corps
of Engineers®**

Detroit District
P.O. Box 1027
Detroit, MI 48231-1027
(313) 226-6796
FAX - (313) 226-3519

Notice to Navigation Interests

Notice No. L01-83

Date: 30 OCTOBER 2001

Waterway: LAKE MICHIGAN

Location: MICHIGAN

CELRE-ET-OT-T

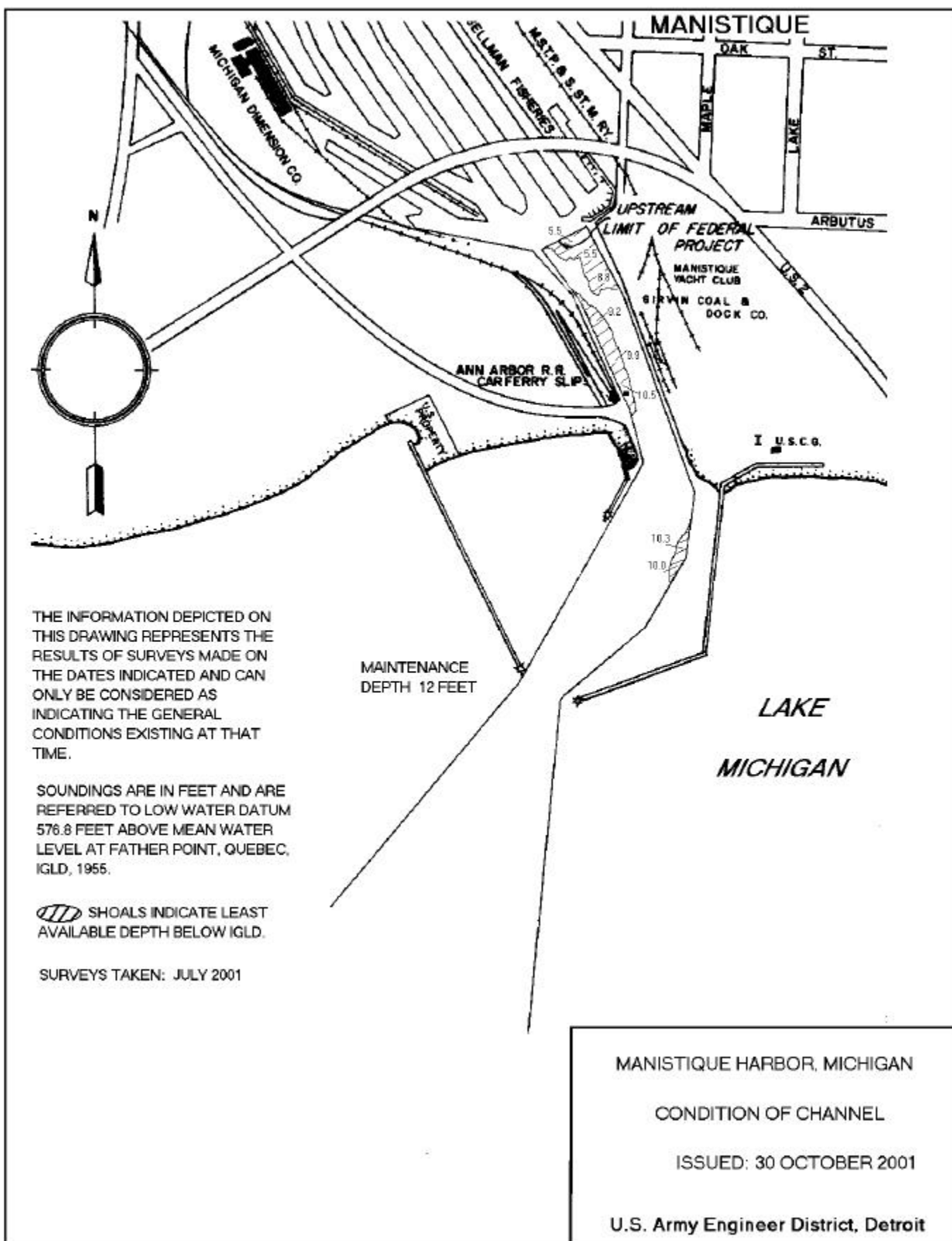
CONDITION OF FEDERAL NAVIGATION CHANNEL
MANISTIQUE HARBOR

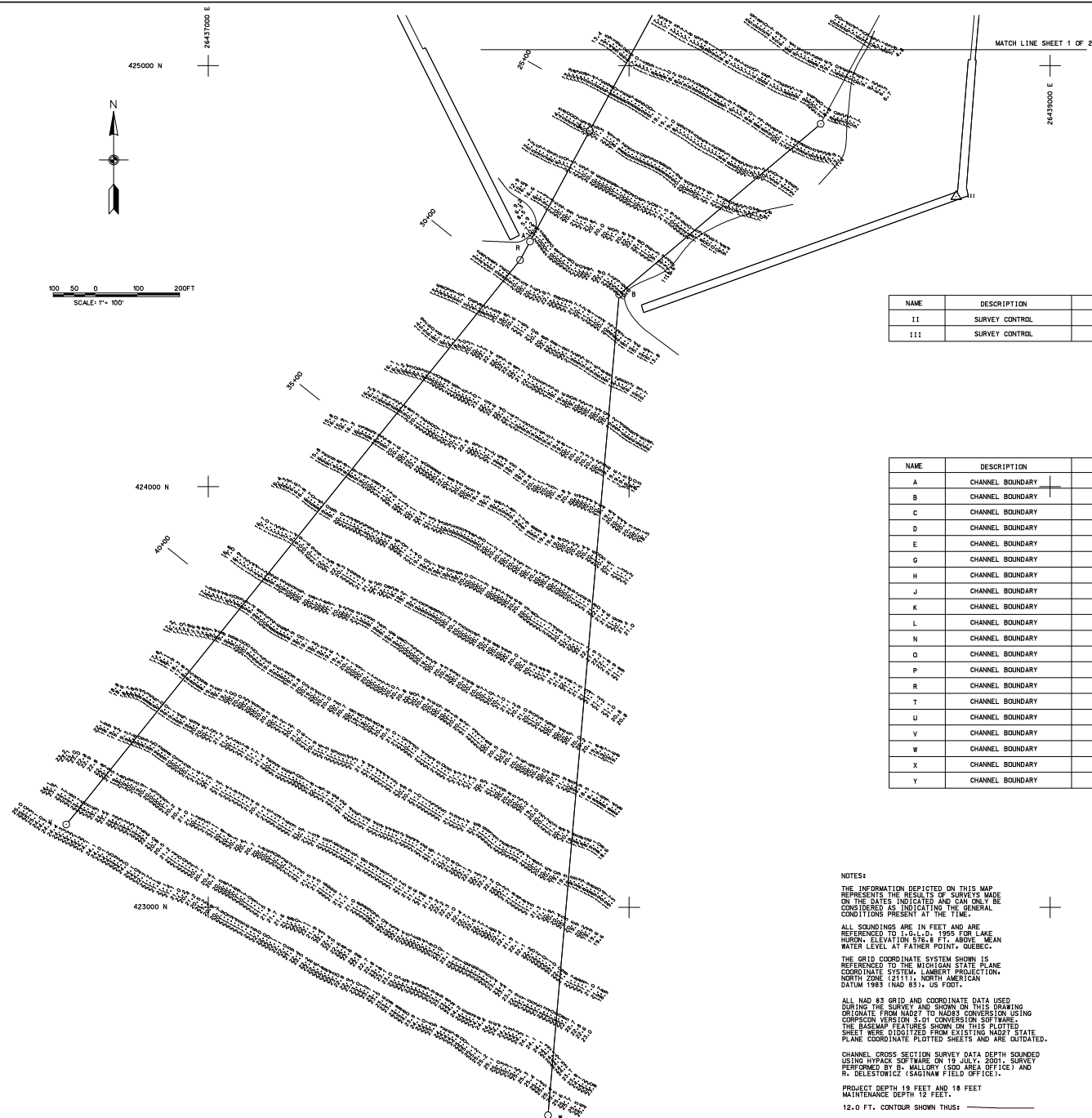
1. Condition surveys performed within the Federal navigation channel at Manistique Harbor, Michigan during July 2001, indicate shoaling as shown on the back of this sheet.
2. Mariners are urged to use extreme caution in the area.
3. All inquiries should be addressed to CELRE-ET-OT-T and should refer to Notice to Navigation Interests No. L01-83. Internet address: <http://huron.lre.usace.army.mil/OandM/o&m.html>

RICHARD J. POLO, JR.
Lieutenant Colonel, U.S. Army
District Engineer

Notice to the Postmaster:

It is requested that the above notice be conspicuously and continuously posted until November 30, 2001.





NAME	DESCRIPTION	NORTHING	EASTING
II	SURVEY CONTROL	424689.186	26438777.005
III	SURVEY CONTROL	425608.476	26438867.638

NAME	DESCRIPTION	NORTHING	EASTING
A	CHANNEL BOUNDARY	424582.14	26437764.47
B	CHANNEL BOUNDARY	424456.73	26437976.21
C	CHANNEL BOUNDARY	424861.96	26438455.15
D	CHANNEL BOUNDARY	425284.34	26438683.05
E	CHANNEL BOUNDARY	425654.74	26438712.47
G	CHANNEL BOUNDARY	426769.32	26438261.01
H	CHANNEL BOUNDARY	427146.59	26438064.21
J	CHANNEL BOUNDARY	427005.86	26437799.31
K	CHANNEL BOUNDARY	426734.24	26438024.18
L	CHANNEL BOUNDARY	426145.72	26438319.41
N	CHANNEL BOUNDARY	425792.38	26438424.78
O	CHANNEL BOUNDARY	427100.35	26437975.57
P	CHANNEL BOUNDARY	425460.14	26438238.20
R	CHANNEL BOUNDARY	424558.13	26437740.72
T	CHANNEL BOUNDARY	426699.96	26438289.11
U	CHANNEL BOUNDARY	426816.58	26438083.21
V	CHANNEL BOUNDARY	423197.08	26436662.67
W	CHANNEL BOUNDARY	422506.09	26437807.24
X	CHANNEL BOUNDARY	424846.13	26437906.90
Y	CHANNEL BOUNDARY	424671.68	26438230.26

NOTES:

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO I.G.L.D. 1955 FOR LAKE SUPERIOR. ELEVATION 576.4 FT. ABOVE MEAN WATER LEVEL AT FATHER POINT, QUEBEC.

THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, NORTH ZONE (2111), NORTH AMERICAN DATUM 1983 (NAD 83), US FOOT.

ALL NAD 83 GRID AND COORDINATE DATA USED DURING THE SURVEY AND SHOWN ON THIS DRAWING ORIGINATE FROM NAD83 TO NAD83 CONVERSION USING CORPSON VERSION 3.01 CONVERSION SOFTWARE. THE BASEMAP FEATURES SHOWN ON THIS PLOTTED SHEET WERE DIGITIZED FROM EXISTING NAD83 STATE PLANE COORDINATE PLOTTED SHEETS AND ARE OUTDATED.

CHANNEL CROSS SECTION SURVEY DATA DEPTH SOUNDED USING HYPACK SOFTWARE ON 19 JULY, 2001. SURVEY PERFORMED BY B. MALLORY (SSO AREA OFFICE) AND R. DELESTOWICZ (SAGINAW FIELD OFFICE).

PROJECT DEPTH 18 FEET AND 18 FEET MAINTENANCE DEPTH 12 FEET.

12.0 FT. CONTOUR SHOWN THUS: _____

NO.		DATE		REVISION		BY	
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN							
PREPARED BY: DRAWN BY: CHECKED BY: CHIEF ENGINEER SECTION APPROVAL RECOMMENDATION APPROVAL RECOMMENDATION CHIEF CAD DIVISION				MANISTIQUE HARBOR, MI JULY, 2001 CONDITION SURVEY SSO AREA OFFICE COL., C.E. DISTRICT ENGINEER SCALE: 1 INCH = 100 FEET CADD FILENAME: MSHSS02010N SHEET 2 of 2 DRAWING NUMBER			



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PREPARED BY: DRAWN BY: CHECKED BY: DESIGNED BY: APPROVED BY:				MANISTIQUE HARBOR, MI JULY, 2001 CONDITION SURVEY SOO AREA OFFICE			
APPROVAL RECOMMENDATION AREA ENGR. SOO AREA APPROVAL RECOMMENDATION				APPROVED: COL. C.E. DISTRICT ENGINEER SCALE: 1 INCH = 100 FEET SHEET 1 of 2 DRAWING NUMBER			